

## **REMARKS**

In the Official Action mailed on **September 10, 2004** the examiner reviewed claims 1-30. The IDS filed June 10, 2004 fails to comply with 37 C.F.R. 1.98(a)(2). The disclosure was objected to because of informalities. Claims 1-30 were rejected under 35 U.S.C. §101 because the claimed invention is directed to non-statutory subject matter.

### **Compliance of IDS**

The IDS filed June 10, 2004 fails to comply with 37 C.F.R. 1.98(a)(2).

Applicant submits herewith copies of the referenced documents that were lost during delivery.

### **Objections to the disclosure**

The disclosure was objected to because of informalities.

Applicant has amended the disclosure to update the information in the Related Applications section and to replace “subbox” with “sub-box” throughout the specification and claims.

### **Rejections under 35 U.S.C. §101**

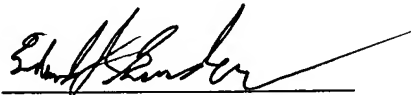
Claims 1-30 were rejected because the claimed invention is directed to non-statutory subject matter. Applicant has amended independent claims 1, 11, and 21 to clarify that the present invention stores the function representation in the computer system memory, and after performing the interval inequality constrained global optimization process on the interval representation to compute guaranteed bounds on a globally minimum value of the function, **records the guaranteed bounds** in system memory. Thus, the presentation performs a physical transformation by altering the state of the system memory.

Hence, Applicant respectfully submits that independent claims 1, 11, and 21 as presently amended are in condition for allowance. Applicant also submits that claims 2-10, which depend upon claim 1, claims 12-20, which depend upon claim 11, and claims 22-30, which depend upon claim 21, are for the same reasons in condition for allowance and for reasons of the unique combinations recited in such claims.

**CONCLUSION**

It is submitted that the present application is presently in form for allowance. Such action is respectfully requested.

Respectfully submitted,

By   
Edward J. Grundler  
Registration No. 47,615

Date: September 20, 2004

Edward J. Grundler  
PARK, VAUGHAN & FLEMING LLP  
508 Second Street, Suite 201  
Davis, CA 95616-4692  
Tel: (530) 759-1663  
FAX: (530) 759-1665